

Engineering Properties

Benton County, Arkansas

[Absence of an entry indicates that the data were not estimated]

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percent passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	<i>In</i>				<i>Pct</i>	<i>Pct</i>					<i>Pct</i>	
NeB:												
Newtonia	0-12	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	91-100	79-100	23-40	6-16
	12-16	Silty clay loam, silt loam	CL	A-6, A-7-6	0	0	100	100	94-100	86-100	32-49	13-25
	16-26	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	94-100	87-100	36-46	18-25
	26-54	Clay, silty clay, silty clay loam	CH, CL	A-7-6	0	0	100	100	93-100	85-100	42-53	23-31
	54-80	Clay, gravelly silty clay loam, silty clay, silty clay loam	CH, CL, SC	A-7-6	0	0	78-100	56-100	51-100	46-100	41-58	22-35
Dennis												
	0-13	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	96-100	65-97	22-37	2-14
	13-17	Clay loam, silty clay loam	CL	A-6, A-7	0	0	100	100	96-100	80-98	33-42	12-19
	17-44	Clay, silty clay, silty clay loam	CH, CL	A-6, A-7	0	0	100	100	98-100	90-99	37-60	15-34
	44-66	Clay, silty clay, silty clay loam	CH, CL	A-6, A-7	0	0	100	100	98-100	90-99	37-60	15-34
Peridge												
	0-9	Silt loam	CL, CL-ML	A-4, A-6	0	0	95-100	84-100	79-100	72-96	15-30	4-11
	9-42	Silty clay loam, silt loam	CL	A-4, A-6, A-7	0	0	95-100	84-100	75-100	71-100	28-43	9-21
	42-54	Gravelly silty clay loam, silty clay loam	CL	A-6, A-7	0	0	67-100	31-100	29-100	28-100	39-48	18-25
	54-60	Clay, gravelly silty clay, silty clay	CH, CL	A-6, A-7	0	0	66-100	29-100	24-100	23-100	39-66	18-39
	60-74	Clay, gravelly silty clay, silty clay	CH, CL	A-6, A-7	0	0	66-100	29-100	24-100	23-100	39-66	18-39

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		<i>In</i>			<i>Pct</i>	<i>Pct</i>					<i>Pct</i>	
NeB: Okemah	0-11	Silty clay loam	CH, CL	A-6, A-7-6	0	0	100	100	93-100	79-97	38-50	19-24
	11-20	Silty clay loam, silt loam	CH, CL	A-6, A-7-6	0	0	100	100	91-100	77-100	32-50	13-24
	20-40	Clay, silty clay, silty clay loam	CH, CL	A-7-6	0	0	100	100	86-100	74-100	45-65	25-40
	40-62	Clay, silty clay, silty clay loam	CH, CL	A-7-6	0	0	100	100	86-100	74-100	45-65	25-40